

The Commonwealth of Massachusetts Department of State Police 305 South Street, Jamaica Plain, MA 02130 617-983-6622

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

MARY ELIZABETH HEFFERNAN SECRETARY

COLONEL TIMOTHY P. ALBEN SUPERINTENDENT

08/06/12

Paula Chouinard
Assistant District Attorney's Office, Essex County

Ms. Chouinard,

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Analysis sheets with chemist's hand notations and test results.
- 3. GC/MS analytical data for sample #'s

If you have any questions about these materials, please call me at the number below.

Sincerely,

Kate Corbet Chemist II

Drug Analysis Lab

(617) 983-6632

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625 Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Danton Wants

Received by: _

Amherst Hours

8:00 – 11:00 2:00 – 4:00	DRUG RECEI	PT	9:00 - 12:00 1:00 - 3:00
City or Department: LAWRENC	. E	Police Reference No.:	
Name and Rank of Submitting Officer:	NET PEROCC	HI	1710029
Defendant(c) Name (last first initial):			
•	_		
		1 1	
To be completed by Submitter Description of Items Submitted		To be completed Gross Weight	by Lab Personnel Lab Number
OPL PKT OF A BRO	WN POWDER	7,70,	
ORANGE TAB		a. Hon	
3 PL PRT OF A WHI	TE POWDER	2,38	

Date:

DRUG POWDER ANALYSIS FORM

SAMPLE AGENCY (LUYCONCE ANALYST KAC
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt (7): 472229
7 pbs Containing to	Oross Wt (1): 047119 Pkg. Wt: 014950
	Pkg. Wt: 0.1912
ponder)
1) AM (1)	e used invial=0.0143g
pct v	
	· · · · · · · · · · · · · · · · · · ·
PRELIMINARY TESTS	
Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis + TUWR	TLTA ()
Froehde's + hunde	OTHER TESTS
Mecke's + GYQUEN	
V	
PRELIMINARY TEST RESULTS	GCIMS CONFIRMATORY TEST
RESULTS LOUNDIN	RESULTS TOLENOIVI
DATE 7 24 1	MS OPERATOR A
	DATE 7 26 12
	TO12512.5

Revised 7/2005

Corbett_email_PRR_004047

DRUG POWDER ANALYSIS FORM

SAMPLE	awvence analyst LAC
No. of samples tested:	Evidence Wt.
physical description: 2 Similar phs Conta White ponder	Gross Wt (2): 0.44399 Gross Wt (1): 0.27269 Pkg. Wt: 0.18439 Net Wt: 0.08839
	amtused in vial=0.00°
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	OTHER TESTS
Mecke's	<u> </u>
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST

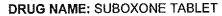
Revised 7/2005 Corbett_email_PRR_004048

DRUG POWDER ANALYSIS FORM

SAMPLE	awrence ANALYST KAC
No. of samples tested:	Evidence Wt.
physical description: Ovange fable t No.	Gross Wt (): Gross Wt (): Pkg. Wt: Net Wt: 0.39059 Well Wt: 0.39059 O.09449
PRELIMINARY TESTS Spot Tests Cobalt Thiocyanate () Marquis Froehde's Mecke's	Microcrystalline Tests Gold Chloride TLTA () OTHER TESTS WWW. CANANA CANANA BYNENOW MINE BYNENOW MINE OTHER TESTS
PRELIMINARY TEST RESULTS RESULTS BYRONOMM DATE 12411	GC/MS CONFIRMATORY TEST RESULTS BUNYEMOY DUM MS OPERATOR DATE 1 2(1) 12 Revised 7/2005

Corbett_email_PRR_004049

Drug Information



INGREDIENTS: BUPRENORPHINE -- 8 MG

NALOXONE -- 2 MG

Color: orange

Shape: Six-sided

Imprint: N8 Sword Logo
Form: Sublingual Tablet

Available-Container-Size: Bottle of 30

AAPCC Code: 200625 -

Buprenorphine

NDC: 12496-1306-02

Regulatory Status: Schedule III

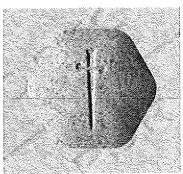
Availability: United States

Product ID 6370996

Contact: Reckitt Benckiser

Pharmaceuticals





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: C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837504.D File Name

Operator

: 25 Jul 2012 10:51

Date Acquired Sample Name

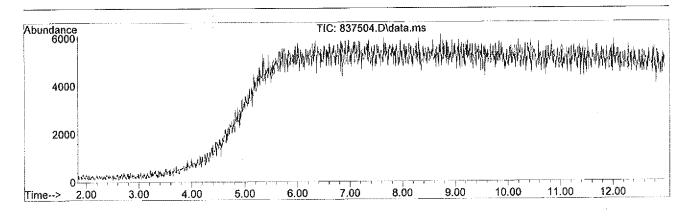
BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator

: RTE



Ret. Time

Area

용 Area

Ratio %

: C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837505.D File Name

Operator

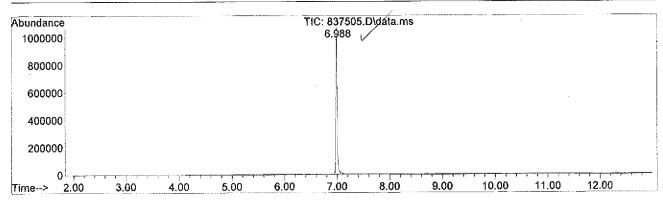
: 25 Jul 2012 11:06 : HEROIN STD Date Acquired

Sample Name

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area		Ratio %
6.988	1772559	100.00	•

: C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837505.D File Name

Operator

25 Jul 2012 11:06

Date Acquired Sample Name

HEROIN STD

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator

: RTE

Search Libraries:

C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 10

C:\Database\PMW TOX2.L

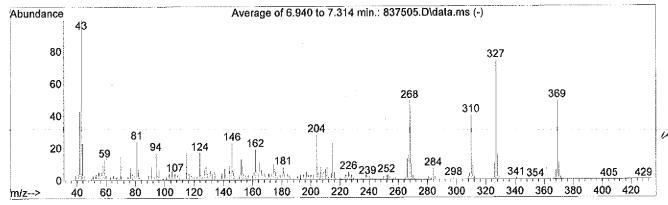
PK# RT Library/ID CAS#

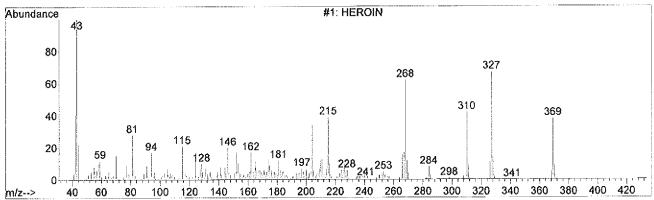
Qual

C:\Database\SLI.L 1 6.99

HEROIN

94 000561-27-3

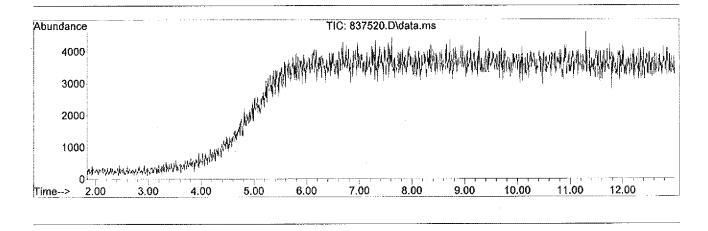




: C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837520.D File Name

Operator Date Acquired : 25 Jul 2012 14:59

Sample Name : BLANK Submitted by : KAC Vial Number 1 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time Area Ratio % Area

: C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837521.D File Name

Operator

Date Acquired : 25 Jul 2012 / 15:15

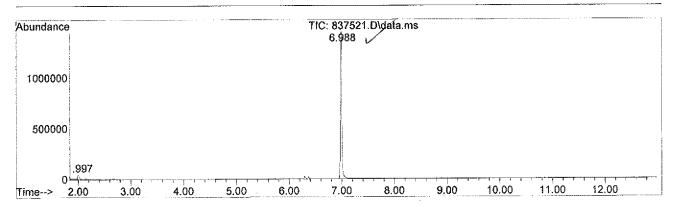
Sample Name Submitted by

KAC

Vial Number

21

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	ALLEGE ALLEGE TYPE
1.997	103835	4.00	4.17	
6.988	2492946	96.00	100.00	

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07 25_12\837521.D

Operator

Date Acquired : 25 Jul 2012 15:15

Sample Name Submitted by

KAC 21

Vial Number : 21 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

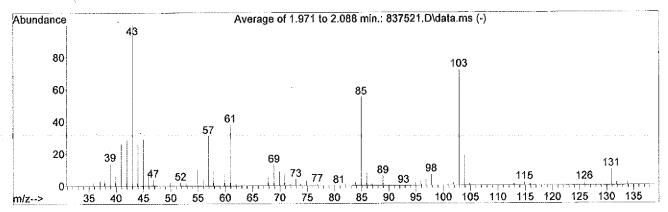
Minimum Quality: 80

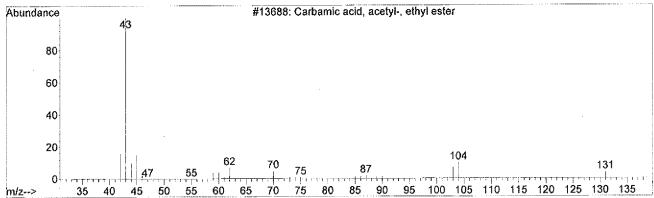
C:\Database\NIST08.L

Minimum Quality: 10

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.00	C:\Database\NIST08.L Carbamic acid, acetyl-, ethyl ester Heptanoic acid, 3-hydroxy-, methyl	015889-95-9	38 37
		d-Clycoro-d-ido-bentose	1000130-14-3	37





File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837521.D

Operator

Date Acquired : 25 Jul 2012 15:15

Sample Name Submitted by

: KAC : 21 eth: DRUGS.M

Vial Number : 21 AcquisitionMeth: DRU-Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80
Minimum Quality: 10

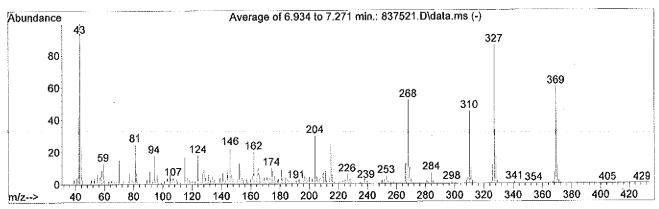
C:\Database\NIST08.L
C:\Database\PMW_TOX2.L

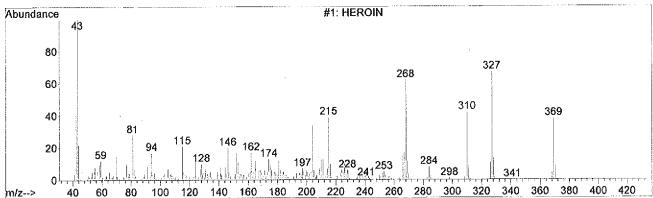
PK# RT Library/ID CAS#

Qual

2 6.99 C:\Database\SLI.L HEROIN

000561-27-3 91





837521.D

Area Percent / Library Search Report

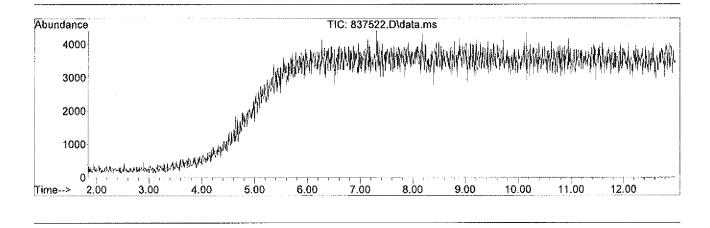
Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837522.D

Operator

Date Acquired : 25 Jul 2012 15:30

Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time Area Area % Ratio %

: C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837523.D File Name

Operator

25 Jul 2012 15:46

Date Acquired Sample Name

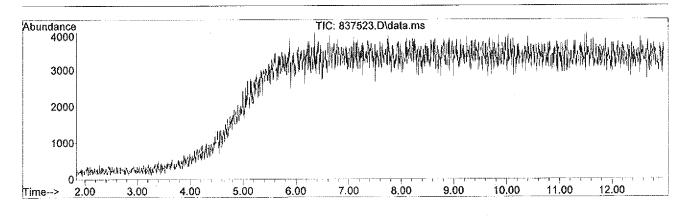
BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator

: RTE



Ret. Time

Area

Area

Ratio %

용

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837524.D

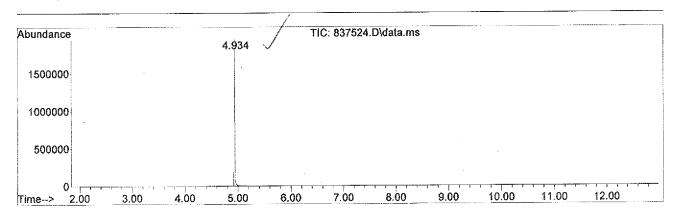
1,8:01

Operator

Date Acquired : 25 Jul 2012 1 Sample Name : COCAINE STD /

Sample Name Submitted by

Vial Number : 24 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	•	Ratio %
4.934	1774323	100.00	

: C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837524.D File Name

Operator

25 Jul 2012 16:01 Date Acquired

Sample Name

COCAINE STD

Submitted by

Vial Number

24

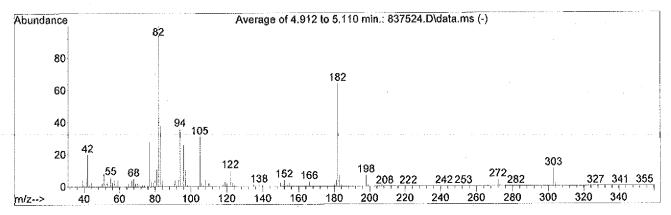
AcquisitionMeth: DRUGS.M

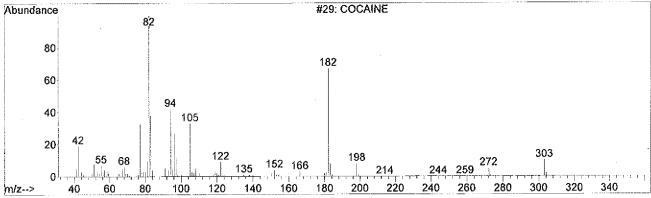
Integrator : RTE

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 10

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
1	4.93	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99 99 99



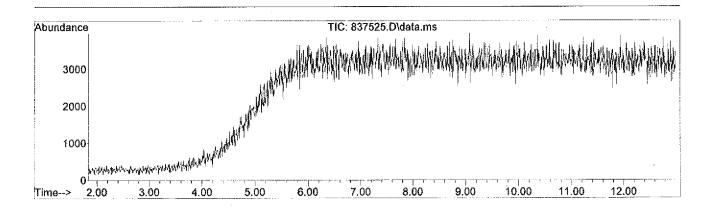


: C:\MSDCHEM\1\DATA\SYSTEM9\07 25 12\837525.D File Name

Operator

Date Acquired : 25 Jul 2012 16:17

: BLANK Sample Name Submitted by : KAC Vial Number 1 AcquisitionMeth: DRUGS.M : RTE Integrator



Ret. Time

Area

Area

Ratio %

: C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837526.D File Name

Operator

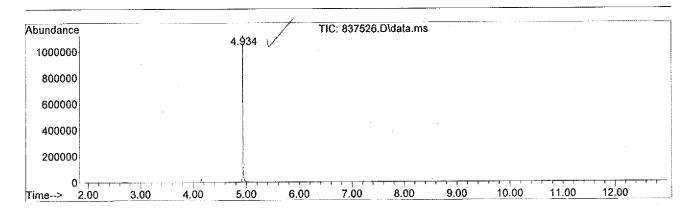
Integrator

Date Acquired Sample Name

Submitted by Vial Number

25 Jul 2012, 16:32

26 AcquisitionMeth: DRUGS.M : RTE



Ret. Time	Area	Area %	Ratio %
4.934	1047901	100.00	100.00

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837526.D

Operator

Date Acquired : 25 Jul 2012 16:32

Sample Name :

Submitted by : KAC
Vial Number : 26
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries:

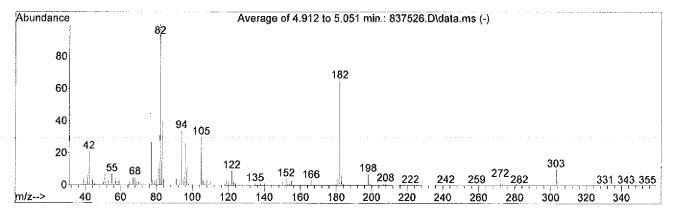
C:\Database\SLI.L

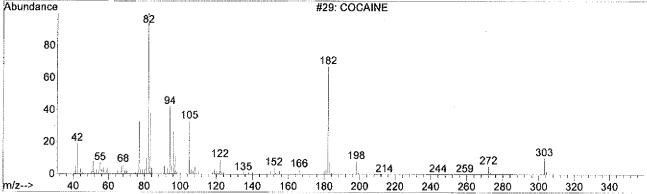
Minimum Quality: 80

C:\Database\NIST08.L
C:\Database\PMW_TOX2.L

Minimum Quality: 10

PK#	RT	Library/ID	CAS#	Qual
1	4.93	C:\Database\SLI,L		***************************************
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99





Area Percent / Library Search Report

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837554.D

Operator

: 25 Jul 2012 23:33 Date Acquired

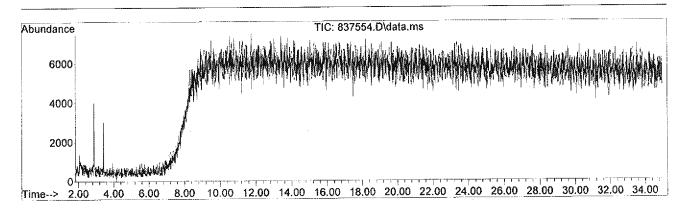
Sample Name

: BLANK

Submitted by Vial Number

AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time

Area

Area %

Ratio %

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837555.D

Operator

Date Acquired : 26 Jul 2012 00:12

Sample Name

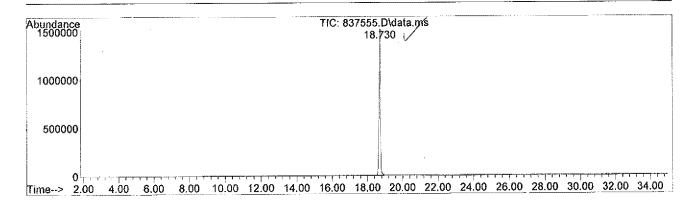
: BUPRENORPHINE STD V

Submitted by

Vial Number : 55

AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	 Ratio %
18.730	8010906	

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07 25 12\837555.D

Operator

Date Acquired : 26 Jul 2012 00:1 Sample Name : BUPRENORPHINE STD

Submitted by

Vial Number : 55

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

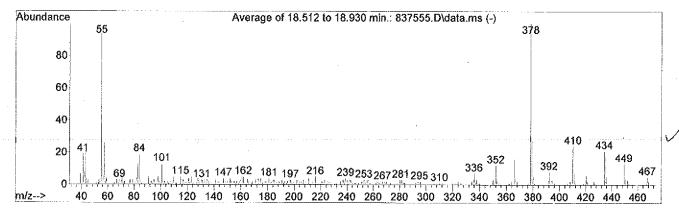
C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 10

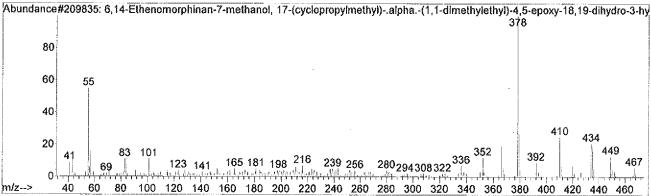
C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

1 18.73 C:\Database\NISTO8.L

6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 99 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 99 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 96





Area Percent / Library Search Report

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837556.D

Operator

Date Acquired : 26 Jul 2012 00:50

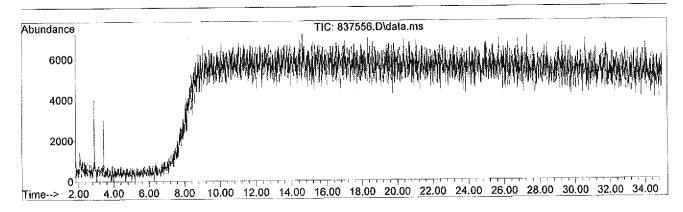
Sample Name : BLANK Submitted by

Vial Number :

AcquisitionMeth: WSCREEN.M

Integrator

: RTE



Ret. Time

Area

Area

Ratio %

Area Percent / Library Search Report

Information from Data File:

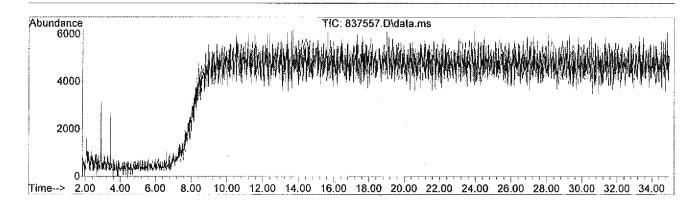
File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07 25 12\837557.D

Operator

Date Acquired : 26 Jul 2012 1:29

Sample Name : BLANK : KAC Submitted by Vial Number

AcquisitionMeth: WSCREEN.M Integrator : RTE



Ret. Time

Area

Area

Ratio %

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D

Operator

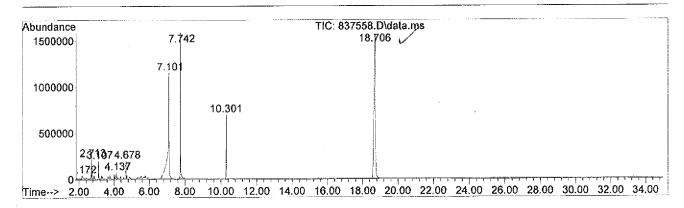
Date Acquired : 26 Jul 2012/ 2:08

Sample Name Submitted by

: KAC : 58

Vial Number : 58 AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.172	215709	1.25	2.50	
2.713	331077	1.92	3.84	
3.107	312529	1.82	3.62	
4.137	109276	0.63	1.27	
4.678	221443	1.29	2.57	
7.101	4736426	27.52	54.90	
7.742	1584188	9.20	18.36	
10.301	1073595	6.24	12.44	
18.706	8626990	50.12	100.00	

837558.D

2:08

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D

Operator

Date Acquired :

26 Jul 2012

Sample Name Submitted by Vial Number

KAC 58

AcquisitionMeth: WSCREEN.M

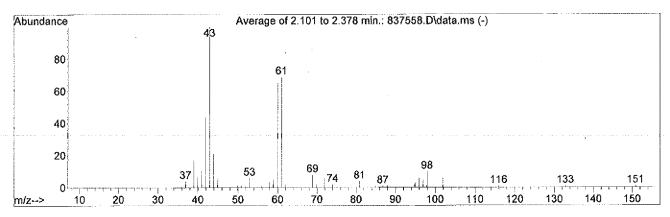
Integrator : RTE

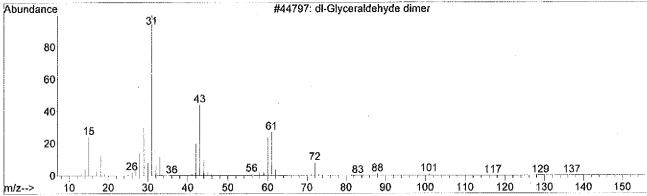
Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10

C:\Database\PMW TOX2.L

PK# RTLibrary/ID CAS# Qual 1 2.17 C:\Database\NIST08.L dl-Glyceraldehyde dimer 50 026793-98-6 Propanal, 2,3-dihydroxy-000367-47-5 42 1000129-76-4 40 3,4-Altrosan





File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D

2:08

Operator

Date Acquired : 26 Jul 2012

Sample Name Submitted by

: KAC : 58

Vial Number : 58 AcquisitionMeth: WSCREEN.M

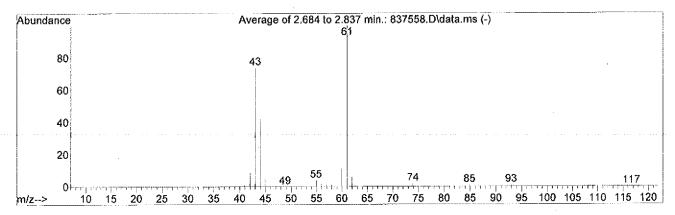
Integrator : RTE

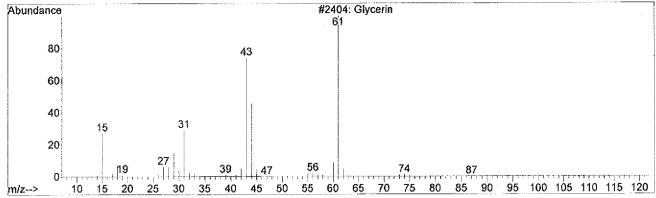
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 10

C:\Database\NIST08.L
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.71	C:\Database\NIST08.L		
-	→ • • •	Glycerin	000056-81-5	83.
		Glycerin	000056-81-5	83
		Glycerin	000056-81-5	74





File Name C:\MSDCHEM\1\DATA\SYSTEM9\07 25 12\837558.D

Operator

Date Acquired

26 Jul 2012 2:08

Sample Name Submitted by

Vial Number

58

AcquisitionMeth: WSCREEN.M

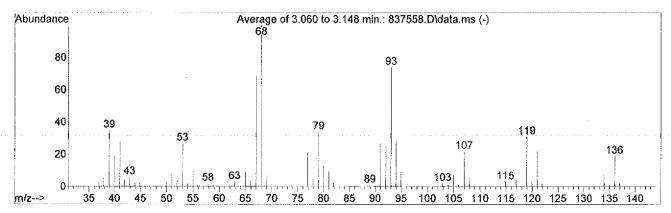
Integrator : RTE

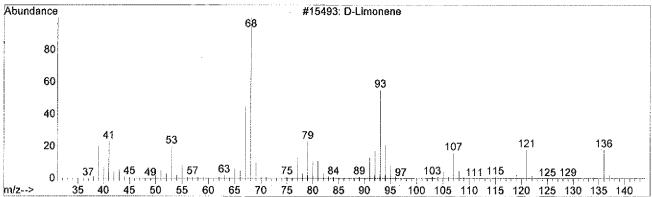
Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 10

C:\Database\NIST08.L

C:\Database\PMW TOX2.L

	PK#	RT	Library/ID	CAS#	Qual
	3	3.11	C:\Database\NIST08.L D-Limonene	005989-27-5	94
			D-Limonene	005989-27-5	93
			D-Limonene	005989-27-5	93





C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D File Name

Operator

Date Acquired

26 Jul 2012 2:08

Sample Name Submitted by

Vial Number 58

AcquisitionMeth: WSCREEN.M

Integrator RTE

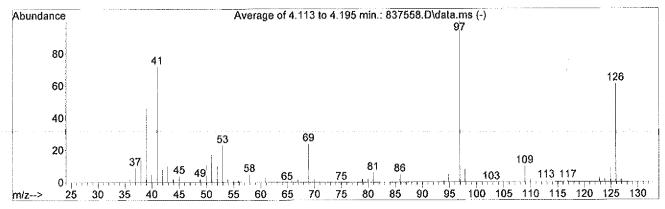
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

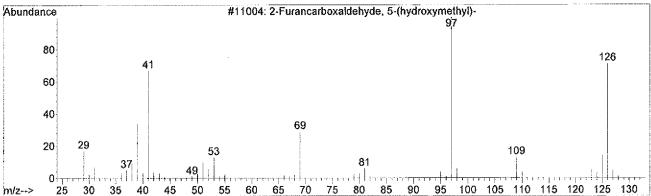
C:\Database\NIST08.L

Minimum Quality: 10 C:\Database\PMW_TOX2.L

CAS# PK# RTLibrary/ID Qual 4 4.14 C:\Database\NIST08.L 60 2-Furancarboxaldehyde, 5-(hydroxyme 000067-47-0

2-Furancarboxaldehyde, 5-(hydroxyme 000067-47-0 46 000637-89-8 37 4-Mercaptophenol





C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D File Name

Operator

Date Acquired 26 Jul 2012 2:08

Sample Name Submitted by Vial Number 58

AcquisitionMeth: WSCREEN.M

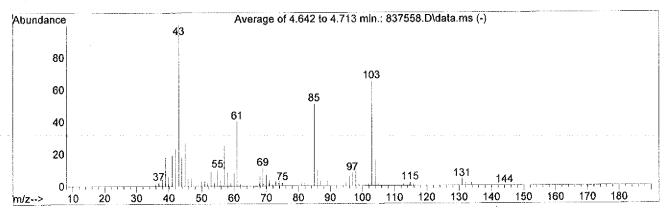
: RTE Integrator

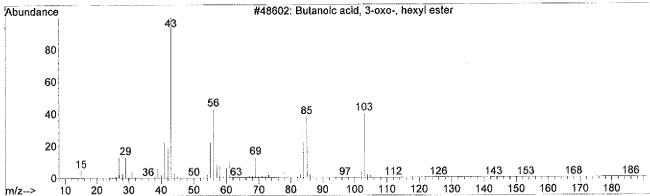
Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 10

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

	PK#	RT	Library/ID	CAS#	Qual
_	5	4.68	C:\Database\NIST08.L		
			Butanoic acid, 3-oxo-, hexyl ester	013562-84-0	37
			Butanoic acid, 3-oxo-, 2-methylprop		37
			Butanedioic acid, 2-hydroxy-2-methy		32





: C:\MSDCHEM\1\DATA\SYSTEM9\07 25 12\837558.D File Name

Operator

Date Acquired

26 Jul 2012 2:08

Sample Name Submitted by

58

Vial Number WSCREEN.M AcquisitionMeth:

Integrator : RTE

Search Libraries: C:\Database\SLI.L

Sorbitol

Sorbitol

Minimum Quality: 80

C:\Database\NIST08.L C:\Database\PMW TOX2.L Minimum Quality: 10

000050-70-4

000050-70-4

Qual

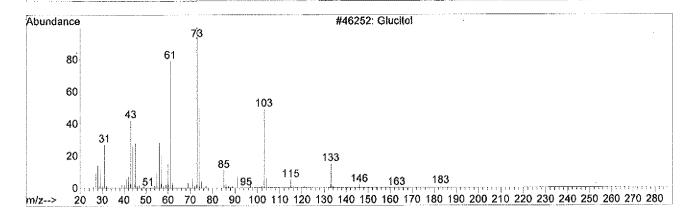
91

86

83

PK#	RT	Library/ID	CAS#
6	7.10	C:\Database\NIST08.L Glucitol	026566-34-7

Abundance Average of 6.631 to 7.266 min.: 837558.D\data.ms (-) 73 80 61 43 60 103 40 20 85 133 143 157 171 185 195 213 281 0 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280



File Name

: C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D

Operator

Date Acquired 26 Jul 2012 2:08

Sample Name

Submitted by Vial Number 58

AcquisitionMeth: WSCREEN.M

Integrator RTE

Search Libraries: C:\Database\SLI.L

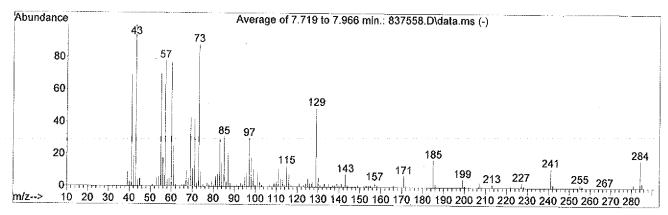
Minimum Quality: 80

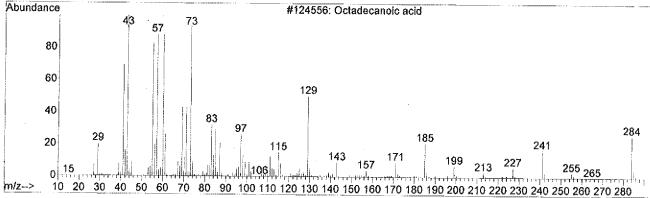
C:\Database\NIST08.L

Minimum Quality: 10

C:\Database\PMW_TOX2.L

PK# RTLibrary/ID CAS# Qual 7 7.74 C:\Database\NIST08.L Octadecanoic acid 000057-11-4 99 Octadecanoic acid 000057-11-4 96 Octadecanoic acid 000057-11-4 95





2:08

Information from Data File:

File Name

: C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D Operator

Date Acquired

<u>26 Jul 201</u>2

Sample Name Submitted by

Vial Number 58 AcquisitionMeth: WSCREEN.M

Integrator RTE

Search Libraries: C:\Database\SLI.L

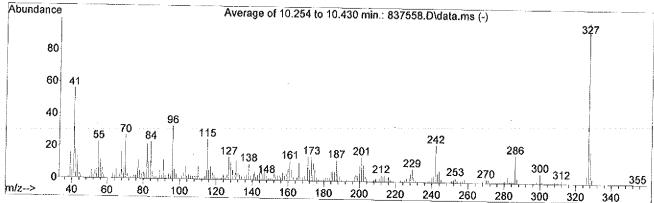
Minimum Quality: 80

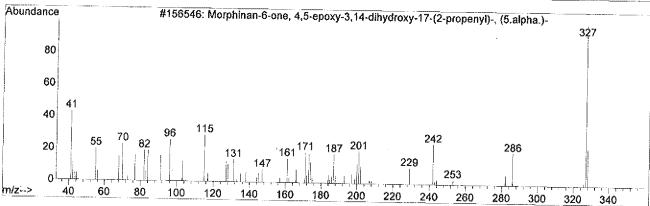
C:\Database\NIST08.L

Minimum Quality: 10

C:\Database\PMW TOX2.L

 PK#	RT	Library/ID		CAS#	Qual
8	10.30	Morphinan-6-one,	8.L 4,5-epoxy-3,14-dih 4,5-epoxy-3,14-dih 4,5-epoxy-3,14-dih	000465-65-6	99 99 98





Information from Data File: File Name C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D Operator Date Acquired 2:08 Sample Name Submitted by Vial Number 58 AcquisitionMeth: WSCREEN.M Integrator : RTE Search Libraries: C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 10 C:\Database\PMW_TOX2.L PK# RT Library/ID CAS# Qual 9 18.71 C:\Database\NIST08.L 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 99 99 97 Abundance Average of 18.495 to 18.930 min.: 837558.D\data.ms (-) 55 378 80 60 40 84 410 20 434 101 336 ³⁵² 449 123 147161 181 202216 69 392 239 256 280 296310 467 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 60 Abundance#209835: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-18,19-dihydro-3-hy 80 60 55 40 410 20 434 449 123 141 392 165 181 ₁₉₈ 216 239 256 280294308322 336

80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460

m/z-->

40 60 467

2:47

Information from Data File:

File Name

: C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837559.D

Operator

Date Acquired : 26 Jul 2012

Sample Name Submitted by

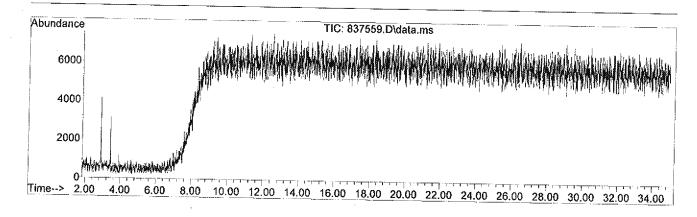
: BLANK : KAC

Vial Number

AcquisitionMeth: WSCREEN.M

Integrator

: RTE



Ret. Time

Area

Area %

Ratio %